

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/28/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-722-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

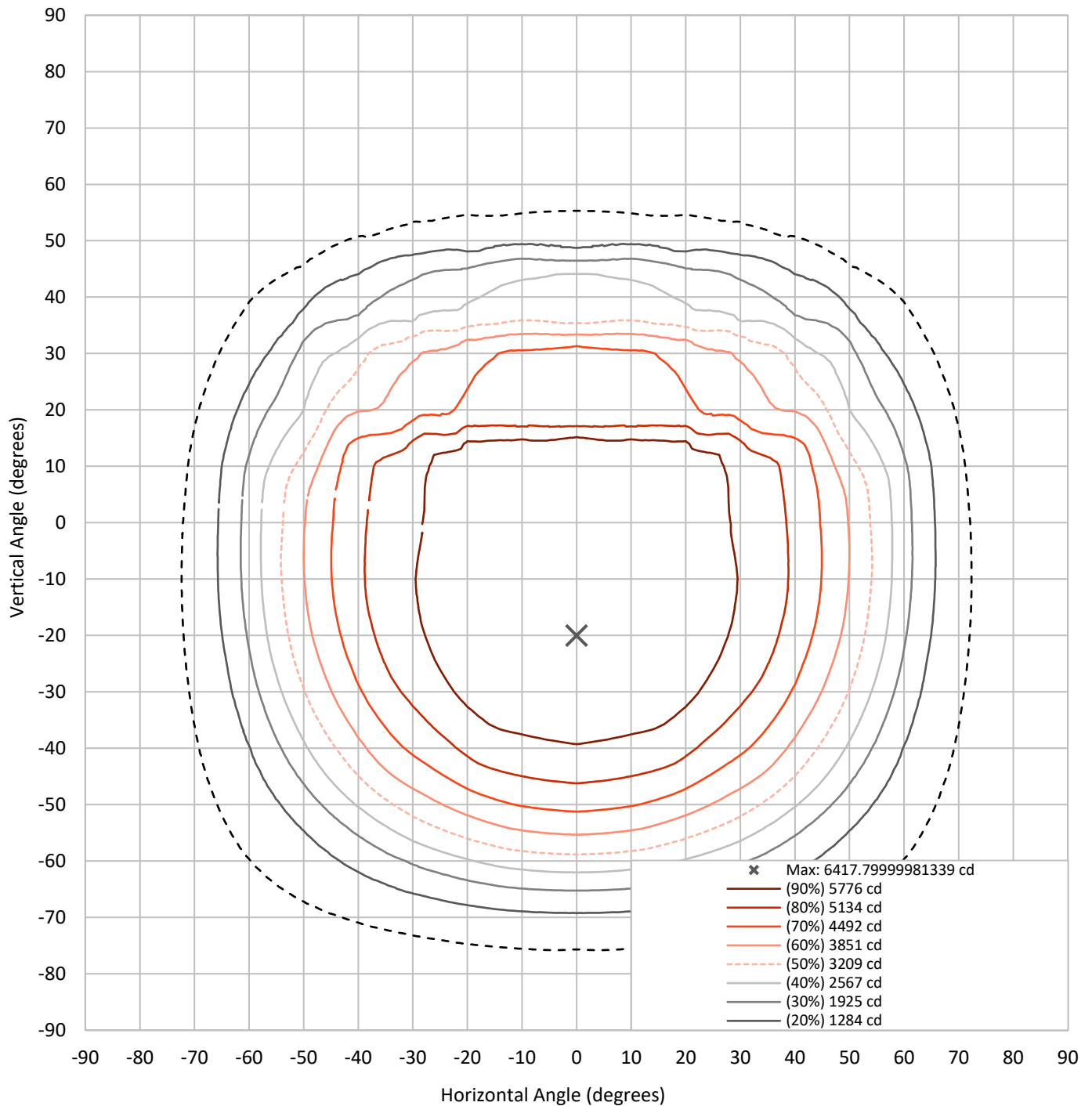
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	15048.6 lumens	Max Intensity:	6417.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	79.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	11764.1 lumens	Field Lumens:	14749.7 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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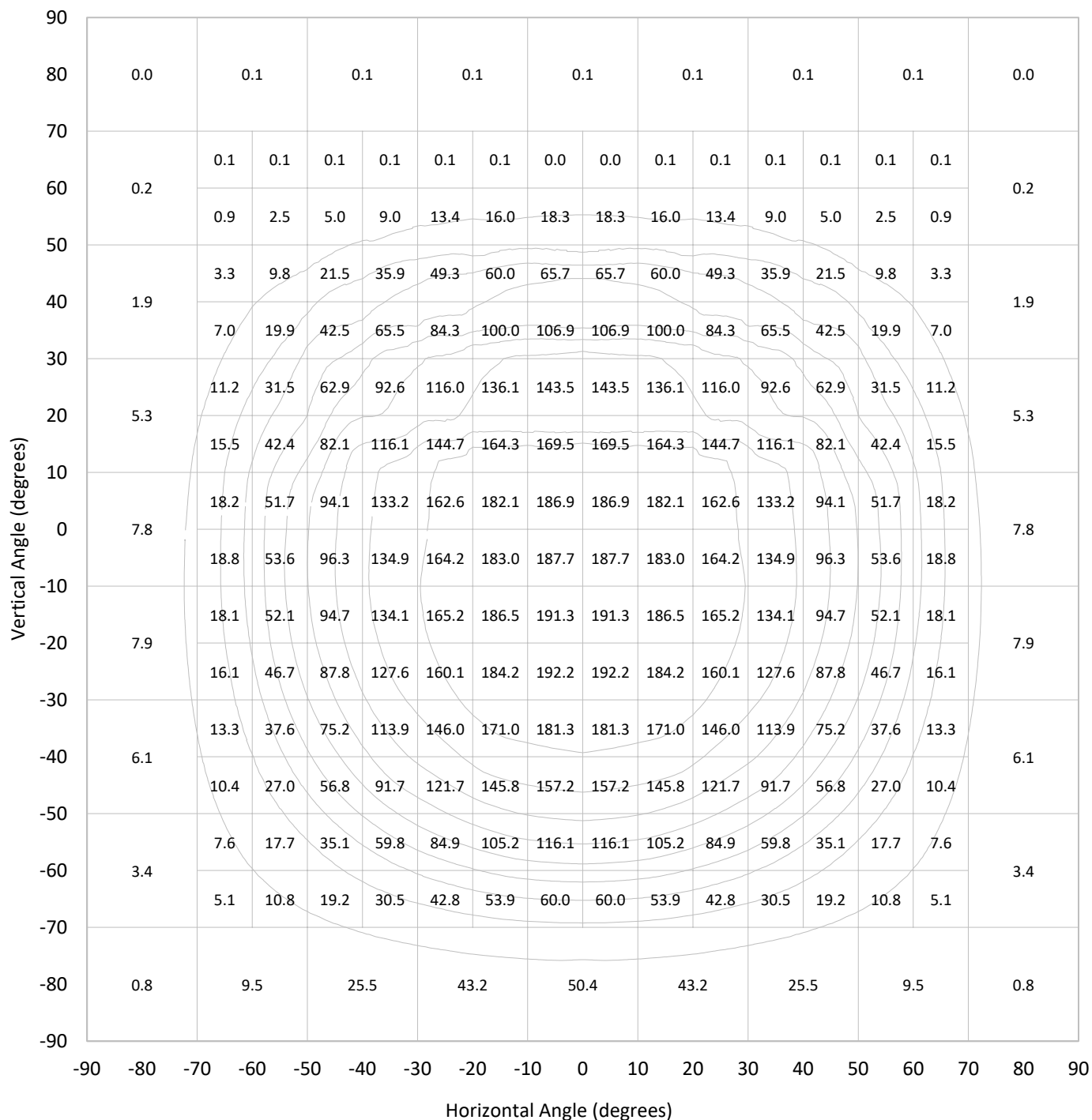
Iso-Candela Plot





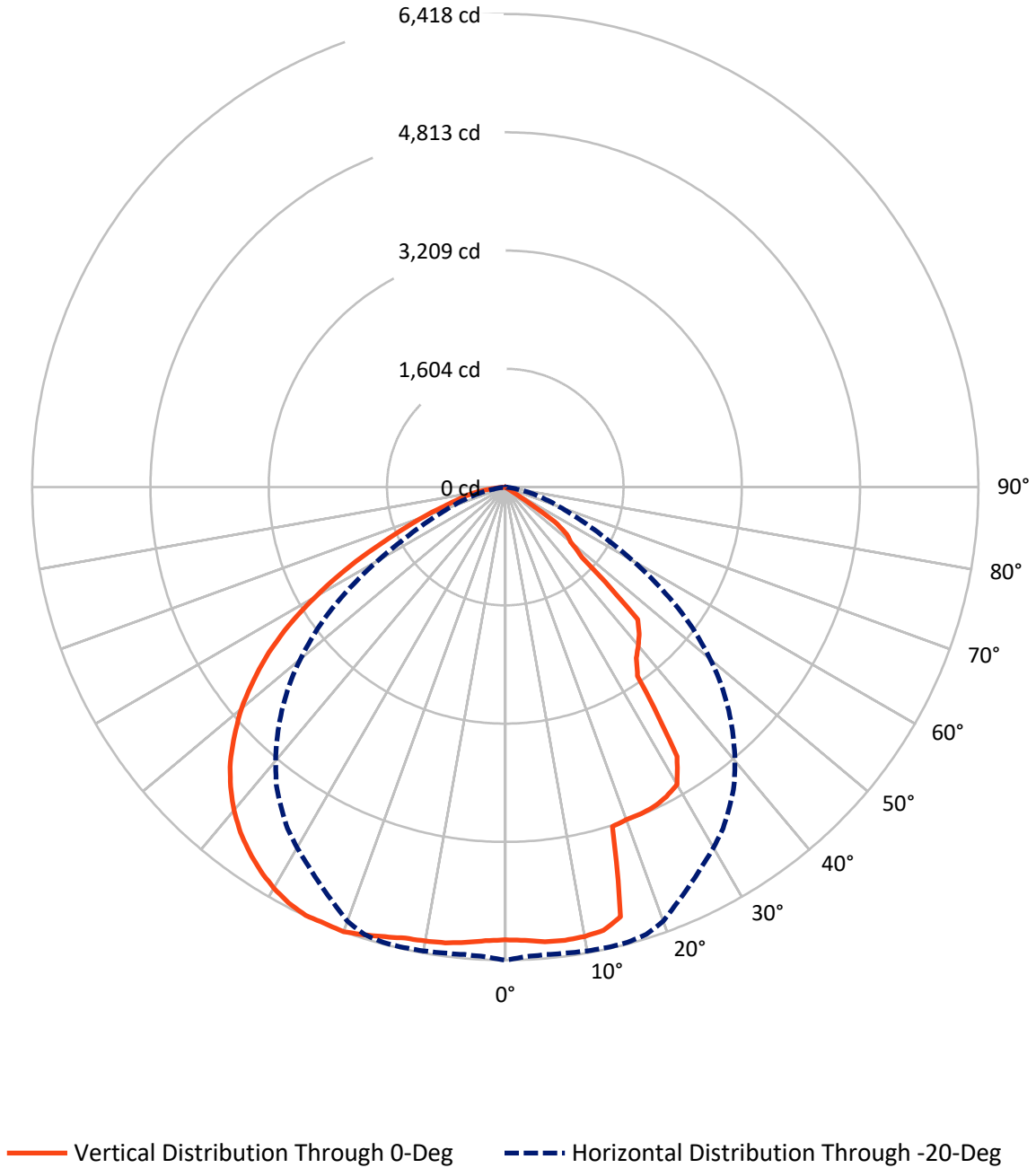
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Lumen Table



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)
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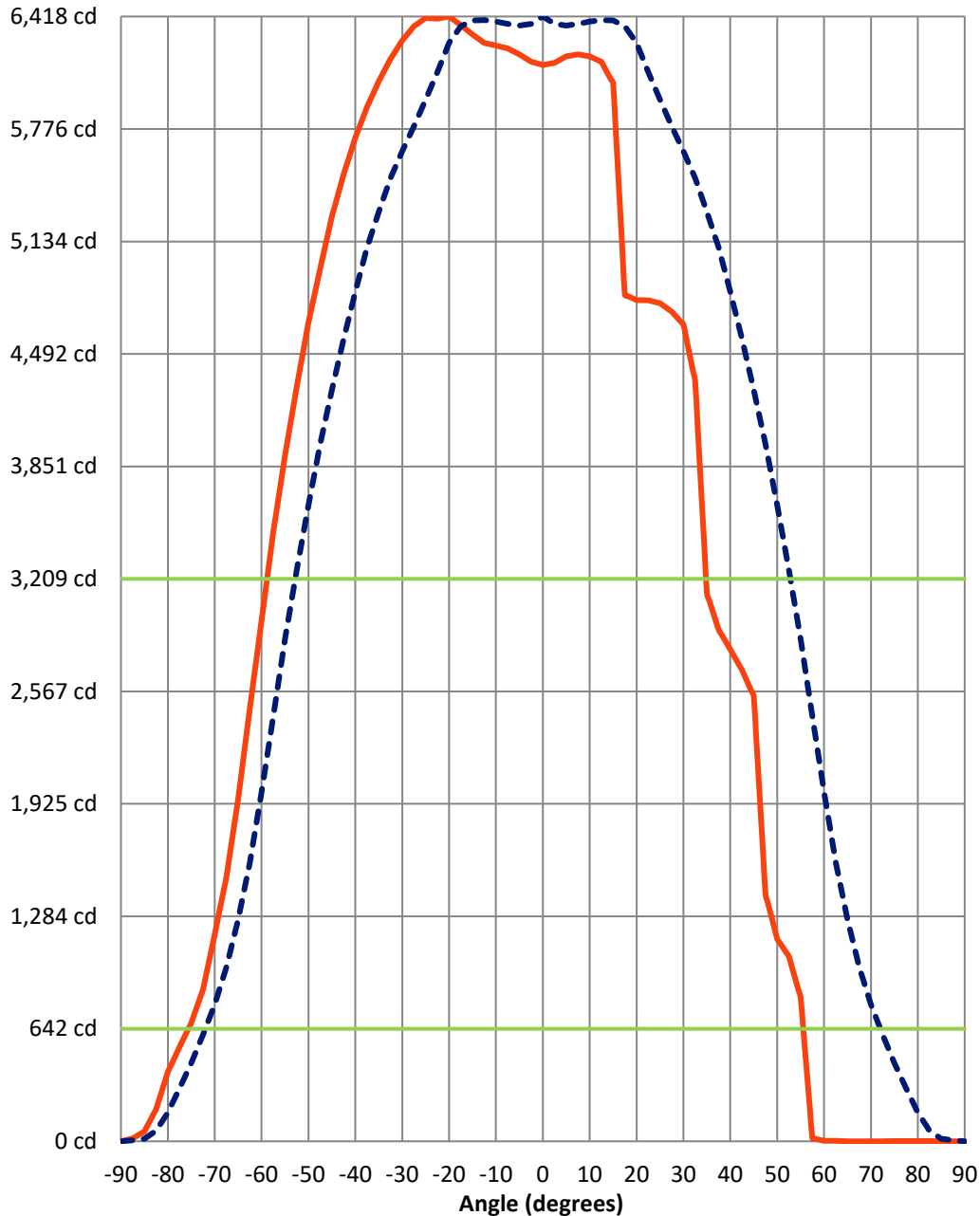
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 11764.1
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 14749.7
 Efficiency: 98.0%

Spill:
 Lumens: 298.9
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -20-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6
85°	0.0	0.3	0.5	0.7	0.9	1.2	1.4	1.4	1.4	1.3	1.2
82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.2	2.1	1.7	1.4
80°	0.0	0.6	0.9	1.4	1.9	2.3	2.7	2.4	2.1	1.8	1.4
77.5°	0.0	0.7	1.2	1.7	2.3	2.7	2.7	2.4	2.1	1.8	1.5
75°	0.0	0.9	1.4	2.1	2.7	2.8	2.7	2.4	2.1	1.8	1.5
72.5°	0.0	1.0	1.7	2.4	2.9	2.9	2.8	2.5	2.2	1.8	1.5
70°	0.0	1.2	1.9	2.7	3.0	3.0	2.9	2.5	2.2	1.9	2.2
67.5°	0.0	1.3	2.1	2.9	3.1	3.1	3.2	2.5	2.3	3.0	3.1
65°	0.0	1.5	2.4	3.0	3.3	3.6	3.6	2.6	3.6	4.3	5.3
62.5°	0.0	1.6	2.6	3.1	3.4	4.5	4.3	3.6	5.0	7.5	11.9
60°	0.0	1.7	2.9	3.3	3.6	5.5	5.0	5.1	6.6	19.0	20.7
57.5°	0.0	1.9	3.0	3.4	4.6	6.6	9.4	7.3	18.6	32.3	37.5
55°	0.0	2.0	3.2	3.6	5.8	7.8	14.9	11.8	34.5	49.9	60.8
52.5°	0.0	2.2	3.4	3.7	7.0	10.0	21.4	30.0	51.9	78.3	88.1
50°	0.0	2.3	3.5	3.9	8.3	17.0	28.9	50.7	74.2	109.8	137.7
47.5°	0.0	2.4	3.7	4.3	9.6	24.6	38.9	72.4	106.9	144.6	188.3
45°	0.0	2.5	3.9	5.3	10.9	32.7	58.6	95.1	143.5	188.5	237.5
42.5°	0.0	2.7	4.0	6.4	12.4	41.3	78.9	123.9	180.7	231.3	294.2
40°	0.0	2.8	4.2	7.7	16.6	50.4	99.6	156.7	219.1	273.2	354.9
37.5°	0.0	2.9	4.4	9.3	23.8	60.0	120.7	189.5	259.3	323.5	418.3
35°	0.0	3.0	4.6	11.2	31.0	74.6	142.1	222.3	300.2	385.4	493.3
32.5°	0.0	3.1	4.8	13.2	38.4	91.5	165.3	255.0	341.6	447.7	584.4
30°	0.0	3.2	4.9	15.4	45.8	108.3	191.9	288.0	383.3	510.1	671.8
27.5°	0.0	3.3	5.1	17.7	54.9	124.8	217.9	322.4	429.2	572.3	755.3
25°	0.0	3.4	5.3	20.1	64.3	141.1	243.3	356.4	481.0	640.4	834.9
22.5°	0.0	3.5	5.5	22.7	73.6	157.7	268.0	389.8	531.7	708.3	915.5
20°	0.0	3.6	5.7	25.3	82.9	175.6	291.9	422.6	581.1	772.5	994.2
17.5°	0.0	3.7	5.8	27.9	92.0	192.8	315.5	454.4	628.9	832.7	1070.4
15°	0.0	3.8	6.0	30.6	100.9	209.4	338.1	483.9	674.9	888.8	1143.6
12.5°	0.0	3.9	6.2	33.3	109.5	225.2	359.3	510.3	711.6	940.8	1213.2
10°	0.0	3.9	6.3	35.9	117.7	240.2	379.0	534.6	738.9	972.0	1270.0
7.5°	0.0	4.0	6.5	38.4	125.4	254.1	397.1	556.7	762.2	996.2	1303.0
5°	0.0	4.0	6.6	40.8	132.7	267.0	413.5	576.6	781.6	1015.7	1330.0
2.5°	0.0	4.1	6.8	43.1	139.3	278.7	428.2	594.3	797.4	1030.7	1350.6
0°	0.0	4.1	6.9	45.2	145.2	289.1	441.2	609.7	809.8	1041.3	1364.7
-2.5°	0.0	4.3	8.0	48.2	150.7	295.7	447.7	618.7	814.2	1054.7	1373.9
-5°	0.0	4.6	9.0	50.9	155.4	300.9	452.4	625.3	815.7	1063.5	1376.8
-7.5°	0.0	4.8	10.0	53.3	159.3	304.7	455.4	629.4	814.6	1067.0	1373.8
-10°	0.0	5.0	11.0	55.4	162.2	307.1	456.8	630.9	811.1	1064.9	1365.0
-12.5°	0.0	5.2	12.0	57.2	164.1	308.0	456.5	629.9	805.5	1056.4	1350.0
-15°	0.0	5.3	12.8	58.6	165.1	307.6	454.7	626.2	799.1	1039.6	1328.3
-17.5°	0.0	5.5	13.7	59.6	165.0	305.7	451.4	618.6	791.3	1018.7	1300.0
-20°	0.0	5.6	14.4	60.2	163.8	302.5	446.2	607.8	780.3	993.7	1265.2

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CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.7	15.1	60.4	161.5	297.9	438.8	594.9	765.9	964.9	1223.7
-25°	0.0	5.8	15.7	60.1	158.0	290.7	429.6	579.9	748.1	932.6	1175.8
-27.5°	0.0	5.9	16.2	59.4	153.4	281.8	418.7	562.8	726.9	901.2	1133.3
-30°	0.0	5.9	16.6	58.1	147.7	271.6	406.1	543.8	703.7	874.7	1087.9
-32.5°	0.0	6.0	17.0	56.4	141.0	260.3	391.7	526.2	679.1	844.1	1039.4
-35°	0.0	5.9	17.2	54.2	133.5	247.7	376.3	507.6	652.5	809.4	987.9
-37.5°	0.0	5.9	17.3	51.5	125.3	235.1	359.6	487.1	624.0	770.6	937.0
-40°	0.0	5.8	17.3	48.3	116.3	223.7	341.7	464.7	593.6	733.9	886.8
-42.5°	0.0	5.8	17.2	44.8	109.5	211.5	322.5	440.4	564.4	695.2	832.8
-45°	0.0	5.6	17.0	41.3	104.9	198.5	302.1	415.3	534.4	653.9	776.7
-47.5°	0.0	5.5	16.7	37.3	99.4	184.7	280.5	390.1	502.3	610.5	728.2
-50°	0.0	5.3	16.3	36.0	93.1	170.2	262.5	363.7	466.8	570.8	677.5
-52.5°	0.0	5.2	15.8	35.3	86.0	155.0	244.5	336.2	432.8	529.9	625.4
-55°	0.0	4.9	15.2	34.2	78.2	143.5	225.8	308.2	398.8	487.8	579.2
-57.5°	0.0	4.7	14.4	32.7	69.5	131.8	206.4	286.1	363.5	447.5	532.0
-60°	0.0	4.4	13.6	30.8	60.5	119.1	186.6	261.6	328.3	406.8	484.8
-62.5°	0.0	4.1	12.8	28.7	56.2	105.3	168.6	234.9	295.6	364.9	438.6
-65°	0.0	3.8	11.9	26.1	51.3	90.7	149.3	207.3	261.1	322.9	391.3
-67.5°	0.0	3.5	10.9	23.3	45.8	78.4	128.8	179.8	224.7	279.1	340.2
-70°	0.0	3.2	9.9	20.3	39.9	68.6	107.2	151.7	192.1	233.2	285.8
-72.5°	0.0	2.8	8.8	17.8	33.5	58.1	90.7	123.0	158.9	195.3	232.1
-75°	0.0	2.4	7.6	15.5	26.6	46.9	74.1	99.1	125.0	156.8	188.9
-77.5°	0.0	2.0	6.4	13.1	22.0	35.2	56.8	76.6	97.3	119.6	145.0
-80°	0.0	1.7	5.2	10.6	17.8	26.8	38.7	53.7	69.6	86.9	105.5
-82.5°	0.0	1.2	3.9	8.0	13.4	20.3	28.4	34.5	41.6	53.8	67.0
-85°	0.0	0.8	2.6	5.3	9.0	13.6	19.1	23.0	27.1	31.4	35.8
-87.5°	0.0	0.4	1.3	2.7	4.5	6.8	9.6	11.5	13.6	15.7	18.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.6	1.8	1.7	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	2.1	2.2	1.9	1.6	1.4	1.5	1.6	1.5	1.4	1.4	1.4
67.5°	2.6	2.3	2.0	1.9	1.9	2.1	2.0	1.7	1.4	1.4	1.4
65°	2.7	2.4	3.4	3.9	2.8	2.4	2.1	1.8	1.9	2.0	2.0
62.5°	4.0	5.1	6.5	11.5	8.6	2.5	4.5	5.3	3.9	3.2	3.5
60°	13.3	9.1	27.0	38.6	24.1	8.8	10.7	35.8	31.0	5.7	19.4
57.5°	28.1	38.6	71.1	72.4	50.0	34.5	100.5	116.1	87.9	51.3	78.4
55°	61.9	95.2	117.9	109.1	119.2	180.5	214.5	192.7	162.3	249.6	318.8
52.5°	121.0	154.9	162.6	186.7	267.3	307.1	294.3	314.7	408.2	506.9	528.3
50°	178.6	206.4	228.0	329.7	392.7	396.7	426.0	518.6	643.1	703.5	688.9
47.5°	234.3	263.1	363.8	461.5	489.8	528.6	601.8	780.4	912.4	915.0	900.1
45°	293.2	370.0	498.6	562.3	608.2	683.3	860.0	1106.4	1119.2	1155.0	1375.2
42.5°	356.3	490.8	602.9	669.2	743.4	883.4	1119.3	1280.9	1336.6	1493.3	1670.4
40°	458.4	607.4	705.4	790.1	885.5	1089.8	1348.2	1499.6	1544.8	1680.5	1813.6
37.5°	561.9	704.8	814.6	916.8	1049.1	1324.8	1623.7	1748.6	1771.5	1796.3	2091.3
35°	661.6	804.7	936.2	1069.9	1232.1	1629.0	1890.3	2007.7	2004.1	2171.6	2480.4
32.5°	754.9	906.8	1062.0	1240.8	1508.5	1915.1	2176.5	2246.8	2353.5	2597.1	3018.7
30°	848.0	1020.8	1198.9	1412.0	1751.0	2103.5	2401.8	2514.9	2697.7	2975.8	3282.6
27.5°	943.8	1137.5	1353.0	1602.7	1942.4	2266.4	2521.3	2791.6	2969.1	3218.4	3436.6
25°	1039.3	1261.2	1505.1	1769.4	2079.3	2381.2	2644.8	2957.0	3147.6	3348.5	3552.2
22.5°	1139.5	1386.5	1662.0	1901.5	2194.6	2478.8	2792.6	3131.2	3379.1	3506.8	3643.5
20°	1244.2	1522.1	1816.0	2081.2	2308.4	2569.5	2941.0	3352.4	3672.4	3816.1	3834.8
17.5°	1347.3	1653.5	1969.5	2256.7	2501.7	2734.1	3096.7	3617.4	4015.3	4148.9	4208.3
15°	1448.0	1779.9	2122.2	2427.4	2696.4	2980.5	3367.8	3897.2	4352.1	4499.9	4593.5
12.5°	1545.1	1900.5	2272.3	2592.4	2891.2	3209.9	3613.9	4098.6	4513.8	4799.7	4971.3
10°	1637.6	2014.2	2418.1	2750.9	3083.8	3422.6	3817.6	4248.6	4586.6	4862.4	5105.8
7.5°	1684.3	2088.6	2543.4	2901.7	3271.6	3619.2	3984.3	4354.3	4639.0	4909.5	5144.9
5°	1716.1	2119.2	2582.5	2954.2	3371.3	3750.4	4104.9	4423.8	4673.2	4941.3	5171.3
2.5°	1738.7	2139.0	2609.0	2983.0	3408.8	3790.8	4139.6	4447.0	4701.5	4964.1	5199.6
0°	1752.4	2148.4	2622.5	3000.7	3432.3	3817.3	4159.8	4455.8	4720.2	4975.1	5228.5
-2.5°	1760.1	2177.1	2631.5	3046.1	3454.9	3840.1	4188.0	4477.0	4753.3	4995.8	5249.9
-5°	1759.2	2194.3	2629.1	3076.7	3465.8	3849.1	4202.1	4486.5	4771.2	5011.3	5258.6
-7.5°	1749.6	2198.2	2617.2	3086.2	3466.2	3846.0	4195.9	4491.1	4770.9	5025.5	5259.4
-10°	1732.6	2182.7	2606.3	3061.5	3452.9	3830.5	4177.0	4481.0	4759.8	5022.7	5254.9
-12.5°	1712.5	2150.7	2583.4	3025.8	3425.9	3801.3	4148.2	4455.4	4738.9	5001.2	5244.4
-15°	1682.4	2108.1	2545.9	2980.6	3384.8	3758.9	4110.9	4413.5	4706.8	4963.6	5213.3
-17.5°	1641.9	2055.3	2493.1	2926.8	3329.4	3703.7	4063.0	4358.2	4650.1	4915.5	5156.4
-20°	1590.9	1992.7	2424.5	2865.7	3259.1	3629.4	3977.6	4286.6	4576.6	4846.6	5099.8



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 CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1529.2	1920.8	2341.9	2783.3	3171.3	3537.4	3881.5	4195.5	4496.0	4757.0	5026.9
-25°	1467.4	1844.8	2250.5	2669.2	3069.4	3433.9	3779.0	4085.0	4392.0	4663.6	4919.9
-27.5°	1408.2	1756.6	2144.5	2543.6	2953.8	3316.7	3658.6	3964.8	4263.0	4559.8	4806.6
-30°	1341.7	1654.6	2028.3	2409.5	2809.4	3178.8	3523.3	3841.1	4124.8	4417.9	4682.9
-32.5°	1268.4	1546.3	1905.6	2272.3	2649.4	3026.9	3368.3	3683.9	3979.1	4256.3	4534.4
-35°	1196.8	1458.9	1775.6	2124.9	2479.9	2850.2	3191.8	3504.4	3810.7	4085.4	4351.1
-37.5°	1132.3	1364.3	1637.3	1971.1	2310.2	2660.6	3007.9	3310.5	3602.0	3904.1	4163.2
-40°	1062.5	1262.7	1517.6	1812.6	2132.2	2465.5	2798.0	3111.0	3385.1	3683.5	3968.6
-42.5°	989.4	1179.9	1399.5	1644.9	1946.6	2260.7	2581.8	2888.0	3172.5	3454.1	3736.6
-45°	925.4	1092.3	1279.3	1503.5	1749.2	2044.6	2348.6	2653.9	2926.9	3195.2	3474.2
-47.5°	857.4	1004.2	1177.2	1356.2	1569.8	1816.8	2102.7	2384.2	2663.7	2919.0	3165.8
-50°	789.6	924.9	1067.0	1228.2	1404.5	1604.7	1842.2	2103.9	2359.2	2621.3	2865.8
-52.5°	731.2	841.5	969.9	1104.5	1255.3	1421.0	1611.3	1826.2	2058.5	2280.9	2524.8
-55°	670.6	770.1	873.7	992.1	1117.7	1257.5	1413.4	1594.1	1771.3	1977.1	2176.2
-57.5°	615.3	699.2	787.6	885.4	994.4	1106.3	1242.6	1383.2	1544.0	1703.9	1861.6
-60°	563.2	631.7	706.7	789.5	877.2	976.8	1078.5	1199.2	1328.7	1456.3	1590.1
-62.5°	510.6	568.3	629.4	698.2	774.6	849.9	936.7	1029.7	1125.1	1233.2	1338.7
-65°	456.6	503.2	555.0	612.1	673.1	737.2	803.9	872.8	953.8	1033.1	1109.8
-67.5°	399.3	439.1	481.1	526.0	577.1	627.5	677.7	735.8	795.5	854.2	915.0
-70°	335.7	373.3	408.2	444.6	482.6	522.1	565.0	607.7	649.7	693.7	742.5
-72.5°	271.0	305.6	336.4	363.3	394.5	427.2	458.6	488.5	520.3	553.7	586.7
-75°	216.1	239.0	266.5	291.5	316.4	339.4	360.1	385.5	412.0	436.3	456.2
-77.5°	168.7	189.5	208.2	225.1	244.8	268.0	288.1	305.4	322.2	340.6	360.0
-80°	122.7	139.9	157.1	172.6	184.0	197.1	212.6	230.3	245.6	258.0	269.4
-82.5°	79.2	91.7	104.4	117.4	122.6	126.3	129.6	135.8	145.3	154.6	163.6
-85°	39.5	43.1	50.8	58.8	61.6	63.5	64.8	65.6	68.8	71.8	74.3
-87.5°	19.8	21.6	23.4	25.1	24.2	22.9	21.3	19.4	19.0	18.4	17.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.2	1.2	1.2	1.3	1.0	0.7	0.3	0.0	0.0	0.0
85°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.0	0.7
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
67.5°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.9
65°	1.9	1.9	2.0	1.9	1.7	1.6	1.7	1.7	1.5	1.2	0.8
62.5°	3.4	3.9	3.0	3.0	2.9	2.8	2.7	2.6	2.4	2.3	2.4
60°	21.5	12.7	7.4	8.7	7.8	5.2	6.6	7.7	7.8	7.1	6.3
57.5°	119.1	88.9	65.9	157.2	157.7	75.3	90.7	142.6	117.4	38.6	35.8
55°	331.3	396.2	521.5	495.4	503.4	579.0	632.3	559.8	548.8	584.7	675.5
52.5°	595.2	657.1	699.3	738.7	786.7	838.3	891.4	925.2	956.8	990.4	1010.5
50°	760.1	847.4	907.3	885.3	1009.4	1060.2	1008.6	1054.7	1110.9	1126.3	1133.6
47.5°	1122.4	1250.4	1275.7	1358.2	1432.2	1430.6	1367.7	1371.4	1538.8	1686.5	1759.0
45°	1613.0	1617.4	1697.8	1843.4	1947.4	1914.7	2002.5	2202.1	2268.6	2332.8	2385.5
42.5°	1804.1	1883.3	2011.7	2140.4	2218.0	2285.3	2350.3	2423.7	2510.0	2580.0	2635.9
40°	1989.2	2053.0	2184.5	2288.2	2352.4	2415.2	2491.0	2572.3	2651.3	2712.8	2754.7
37.5°	2274.0	2323.5	2355.5	2451.8	2573.3	2517.2	2661.0	2764.0	2811.1	2873.6	2879.2
35°	2705.0	2672.1	2629.4	3012.5	3035.4	2906.1	3040.5	3200.3	3116.1	3291.5	3385.8
32.5°	3087.1	3082.1	3416.5	3617.9	3502.1	3596.6	3906.5	3892.8	4099.3	4195.2	4167.8
30°	3447.0	3569.8	3763.2	3913.2	3933.3	4082.4	4220.0	4340.6	4465.3	4577.0	4584.7
27.5°	3629.7	3790.0	3921.3	4008.1	4104.9	4230.4	4355.3	4491.1	4597.1	4667.2	4684.3
25°	3740.3	3904.0	4003.4	4096.8	4203.8	4312.0	4451.9	4599.7	4684.9	4728.2	4741.9
22.5°	3837.7	3984.8	4091.7	4167.5	4282.5	4399.1	4529.4	4654.6	4747.1	4766.0	4772.9
20°	3931.5	4072.9	4251.3	4362.9	4357.3	4488.6	4614.2	4713.8	4790.9	4790.5	4792.3
17.5°	4202.9	4253.3	4577.2	4823.1	4701.3	4637.1	4982.6	4989.2	5009.7	4968.9	4880.5
15°	4604.6	4696.5	5094.4	5360.9	5277.0	5272.6	5771.6	5647.9	5754.4	5726.5	5846.4
12.5°	5030.3	5139.0	5436.4	5698.1	5822.8	5853.4	6020.1	6176.3	6208.4	6195.7	6172.2
10°	5320.2	5475.2	5594.6	5753.4	5879.2	6007.5	6104.1	6216.2	6253.0	6231.7	6201.7
7.5°	5357.9	5511.1	5651.3	5790.7	5910.5	6013.9	6114.0	6205.3	6242.7	6230.4	6209.8
5°	5381.9	5520.7	5656.6	5798.0	5912.5	6008.3	6108.2	6200.7	6222.8	6207.9	6187.8
2.5°	5396.7	5525.2	5656.1	5797.0	5901.0	5992.2	6093.3	6192.0	6191.8	6185.3	6173.6
0°	5403.9	5532.7	5684.8	5812.2	5928.7	6015.0	6115.0	6210.9	6204.1	6186.3	6165.7
-2.5°	5419.3	5549.8	5705.0	5810.6	5941.9	6021.0	6124.4	6207.4	6204.2	6195.5	6185.3
-5°	5433.1	5579.8	5725.0	5836.1	5967.7	6071.1	6173.8	6238.8	6242.3	6230.0	6212.9
-7.5°	5441.4	5604.1	5742.6	5854.2	5981.8	6102.1	6206.3	6274.5	6275.9	6259.7	6239.3
-10°	5438.6	5610.4	5753.0	5868.2	5998.9	6117.7	6226.7	6313.1	6310.3	6294.8	6277.3
-12.5°	5428.4	5599.9	5746.3	5862.0	6010.4	6132.6	6255.2	6341.2	6345.8	6334.2	6315.3
-15°	5405.8	5582.9	5725.3	5851.6	5997.1	6140.0	6265.9	6360.7	6377.7	6368.2	6353.3
-17.5°	5361.2	5548.0	5699.1	5835.2	5974.8	6127.1	6270.3	6374.1	6397.2	6393.4	6381.0
-20°	5302.5	5495.4	5648.8	5791.4	5943.3	6100.2	6266.9	6361.7	6395.2	6397.3	6388.9



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5236.7	5425.6	5588.3	5728.4	5893.2	6052.0	6202.9	6313.9	6370.3	6380.8	6381.4
-25°	5157.8	5351.9	5513.5	5662.8	5816.0	5980.0	6132.6	6256.4	6313.6	6340.9	6349.4
-27.5°	5046.3	5246.9	5405.9	5563.7	5719.6	5889.0	6049.3	6184.1	6230.5	6268.1	6283.1
-30°	4915.7	5114.1	5276.2	5420.4	5598.8	5771.5	5936.9	6054.5	6124.6	6167.5	6191.0
-32.5°	4765.5	4965.8	5135.9	5286.5	5456.1	5628.7	5784.4	5908.4	6005.0	6054.6	6079.7
-35°	4602.6	4807.1	4985.3	5143.9	5303.5	5468.1	5629.4	5759.1	5869.3	5911.8	5943.2
-37.5°	4406.2	4631.7	4814.4	4978.0	5129.7	5284.4	5452.4	5600.7	5707.6	5748.9	5782.1
-40°	4204.8	4422.7	4607.0	4781.5	4931.4	5100.4	5262.2	5417.6	5510.4	5558.6	5596.1
-42.5°	3992.1	4189.0	4364.2	4533.8	4700.7	4874.6	5036.3	5197.8	5278.1	5336.2	5382.2
-45°	3746.6	3929.9	4100.2	4258.8	4430.9	4601.9	4763.6	4906.4	5001.9	5077.5	5136.3
-47.5°	3419.3	3642.5	3813.5	3964.4	4135.1	4300.0	4456.8	4591.0	4695.7	4784.2	4852.5
-50°	3086.9	3301.1	3494.0	3663.5	3821.8	3974.4	4123.7	4254.9	4365.8	4461.6	4530.8
-52.5°	2759.6	2960.3	3151.6	3326.6	3478.8	3622.9	3759.4	3891.5	4008.4	4110.8	4177.7
-55°	2389.7	2597.6	2786.9	2950.1	3102.2	3244.5	3379.4	3504.6	3619.7	3724.0	3788.1
-57.5°	2042.8	2225.1	2401.2	2551.9	2695.4	2831.0	2958.8	3078.7	3189.5	3287.6	3349.5
-60°	1723.8	1856.8	2008.4	2147.5	2274.7	2390.1	2509.4	2621.1	2722.9	2809.2	2866.8
-62.5°	1441.9	1552.1	1661.5	1767.3	1870.5	1974.2	2074.0	2166.7	2251.7	2322.4	2373.0
-65°	1190.7	1279.2	1358.4	1433.4	1504.8	1586.6	1662.5	1733.9	1800.0	1854.2	1892.7
-67.5°	980.5	1042.7	1097.4	1148.8	1205.2	1263.0	1317.2	1364.4	1404.7	1436.9	1462.2
-70°	790.7	836.5	877.7	918.8	959.9	997.5	1033.3	1068.1	1101.1	1127.9	1148.1
-72.5°	619.2	650.5	678.6	710.2	739.8	768.3	793.1	813.1	828.7	843.8	857.0
-75°	472.1	495.6	527.3	554.0	576.2	595.7	613.6	629.6	643.6	656.1	667.0
-77.5°	379.7	399.6	419.8	439.4	458.3	472.3	485.3	498.4	511.2	522.2	531.9
-80°	281.4	296.3	311.9	327.5	343.2	350.9	357.1	362.8	367.9	374.5	380.6
-82.5°	172.0	180.5	189.2	197.9	206.7	208.9	209.6	209.5	208.3	205.9	202.3
-85°	76.6	77.0	76.8	75.9	74.5	71.4	67.7	63.5	58.6	57.9	57.0
-87.5°	16.9	16.5	16.0	15.5	14.9	14.9	14.8	14.7	14.6	15.1	15.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
85°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	0.7	0.0	0.7	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	0.7	0.0	0.7	1.4	1.4	1.4	1.4	1.4	1.4
67.5°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	0.9	1.2	1.4	1.4
65°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	0.8	1.2	1.5	1.7
62.5°	2.5	2.6	2.7	2.7	2.7	2.6	2.5	2.4	2.3	2.4	2.6
60°	4.9	3.2	2.7	2.7	2.7	3.2	4.9	6.3	7.1	7.8	7.7
57.5°	30.3	22.6	19.2	17.8	19.2	22.6	30.3	35.8	38.6	117.4	142.6
55°	740.5	778.2	806.3	819.4	806.3	778.2	740.5	675.5	584.7	548.8	559.8
52.5°	1028.1	1044.5	1054.0	1053.7	1054.0	1044.5	1028.1	1010.5	990.4	956.8	925.2
50°	1146.0	1153.9	1156.8	1155.0	1156.8	1153.9	1146.0	1133.6	1126.3	1110.9	1054.7
47.5°	1692.7	1546.2	1438.5	1412.6	1438.5	1546.2	1692.7	1759.0	1686.5	1538.8	1371.4
45°	2410.8	2466.4	2521.7	2538.9	2521.7	2466.4	2410.8	2385.5	2332.8	2268.6	2202.1
42.5°	2659.5	2677.6	2687.9	2688.3	2687.9	2677.6	2659.5	2635.9	2580.0	2510.0	2423.7
40°	2778.2	2795.2	2805.2	2806.1	2805.2	2795.2	2778.2	2754.7	2712.8	2651.3	2572.3
37.5°	2886.0	2900.5	2910.1	2919.8	2910.1	2900.5	2886.0	2879.2	2873.6	2811.1	2764.0
35°	3373.1	3262.7	3104.0	3128.1	3104.0	3262.7	3373.1	3385.8	3291.5	3116.1	3200.3
32.5°	4210.6	4257.0	4285.9	4335.2	4285.9	4257.0	4210.6	4167.8	4195.2	4099.3	3892.8
30°	4597.0	4612.3	4635.5	4659.9	4635.5	4612.3	4597.0	4584.7	4577.0	4465.3	4340.6
27.5°	4693.4	4709.3	4723.4	4733.9	4723.4	4709.3	4693.4	4684.3	4667.2	4597.1	4491.1
25°	4743.9	4753.7	4768.7	4781.9	4768.7	4753.7	4743.9	4741.9	4728.2	4684.9	4599.7
22.5°	4768.9	4769.9	4781.7	4798.3	4781.7	4769.9	4768.9	4772.9	4766.0	4747.1	4654.6
20°	4786.1	4776.8	4788.9	4799.7	4788.9	4776.8	4786.1	4792.3	4790.5	4790.9	4713.8
17.5°	5005.2	4880.2	4828.8	4829.8	4828.8	4880.2	5005.2	4880.5	4968.9	5009.7	4989.2
15°	5711.8	5758.7	5938.5	6035.6	5938.5	5758.7	5711.8	5846.4	5726.5	5754.4	5647.9
12.5°	6167.9	6151.2	6129.8	6158.9	6129.8	6151.2	6167.9	6172.2	6195.7	6208.4	6176.3
10°	6188.9	6187.0	6149.0	6190.4	6149.0	6187.0	6188.9	6201.7	6231.7	6253.0	6216.2
7.5°	6176.0	6177.2	6160.9	6201.4	6160.9	6177.2	6176.0	6209.8	6230.4	6242.7	6205.3
5°	6184.6	6156.7	6167.3	6190.4	6167.3	6156.7	6184.6	6187.8	6207.9	6222.8	6200.7
2.5°	6160.6	6157.8	6137.2	6153.4	6137.2	6157.8	6160.6	6173.6	6185.3	6191.8	6192.0
0°	6142.4	6127.4	6127.4	6141.1	6127.4	6127.4	6142.4	6165.7	6186.3	6204.1	6210.9
-2.5°	6174.8	6171.7	6169.7	6160.2	6169.7	6171.7	6174.8	6185.3	6195.5	6204.2	6207.4
-5°	6201.5	6193.3	6170.9	6201.4	6170.9	6193.3	6201.5	6212.9	6230.0	6242.3	6238.8
-7.5°	6230.1	6209.4	6188.0	6235.6	6188.0	6209.4	6230.1	6239.3	6259.7	6275.9	6274.5
-10°	6256.3	6226.2	6205.5	6252.1	6205.5	6226.2	6256.3	6277.3	6294.8	6310.3	6313.1
-12.5°	6290.9	6255.7	6241.9	6267.1	6241.9	6255.7	6290.9	6315.3	6334.2	6345.8	6341.2
-15°	6327.8	6303.5	6300.2	6315.1	6300.2	6303.5	6327.8	6353.3	6368.2	6377.7	6360.7
-17.5°	6360.2	6343.1	6351.6	6368.5	6351.6	6343.1	6360.2	6381.0	6393.4	6397.2	6374.1
-20°	6375.7	6366.1	6375.6	6417.8	6375.6	6366.1	6375.7	6388.9	6397.3	6395.2	6361.7



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6374.3	6375.0	6391.7	6405.5	6391.7	6375.0	6374.3	6381.4	6380.8	6370.3	6313.9
-25°	6350.0	6362.8	6382.0	6409.6	6382.0	6362.8	6350.0	6349.4	6340.9	6313.6	6256.4
-27.5°	6291.3	6312.6	6332.7	6361.7	6332.7	6312.6	6291.3	6283.1	6268.1	6230.5	6184.1
-30°	6206.5	6231.8	6249.8	6280.8	6249.8	6231.8	6206.5	6191.0	6167.5	6124.6	6054.5
-32.5°	6103.3	6132.0	6153.1	6175.3	6153.1	6132.0	6103.3	6079.7	6054.6	6005.0	5908.4
-35°	5974.3	6005.2	6027.7	6047.9	6027.7	6005.2	5974.3	5943.2	5911.8	5869.3	5759.1
-37.5°	5819.3	5852.6	5878.3	5901.3	5878.3	5852.6	5819.3	5782.1	5748.9	5707.6	5600.7
-40°	5638.7	5672.8	5700.2	5725.9	5700.2	5672.8	5638.7	5596.1	5558.6	5510.4	5417.6
-42.5°	5427.5	5462.0	5490.3	5516.3	5490.3	5462.0	5427.5	5382.2	5336.2	5278.1	5197.8
-45°	5183.7	5219.2	5249.1	5276.5	5249.1	5219.2	5183.7	5136.3	5077.5	5001.9	4906.4
-47.5°	4902.8	4940.8	4966.4	4979.2	4966.4	4940.8	4902.8	4852.5	4784.2	4695.7	4591.0
-50°	4580.9	4618.8	4649.6	4672.3	4649.6	4618.8	4580.9	4530.8	4461.6	4365.8	4254.9
-52.5°	4226.6	4262.6	4289.1	4305.0	4289.1	4262.6	4226.6	4177.7	4110.8	4008.4	3891.5
-55°	3838.6	3876.4	3901.5	3913.2	3901.5	3876.4	3838.6	3788.1	3724.0	3619.7	3504.6
-57.5°	3398.5	3434.4	3461.1	3476.1	3461.1	3434.4	3398.5	3349.5	3287.6	3189.5	3078.7
-60°	2911.7	2943.7	2964.0	2971.9	2964.0	2943.7	2911.7	2866.8	2809.2	2722.9	2621.1
-62.5°	2413.7	2444.1	2463.1	2470.4	2463.1	2444.1	2413.7	2373.0	2322.4	2251.7	2166.7
-65°	1921.4	1940.5	1951.0	1952.5	1951.0	1940.5	1921.4	1892.7	1854.2	1800.0	1733.9
-67.5°	1482.3	1496.7	1505.5	1508.5	1505.5	1496.7	1482.3	1462.2	1436.9	1404.7	1364.4
-70°	1163.1	1173.1	1178.7	1179.7	1178.7	1173.1	1163.1	1148.1	1127.9	1101.1	1068.1
-72.5°	867.1	874.3	871.8	865.9	871.8	874.3	867.1	857.0	843.8	828.7	813.1
-75°	676.5	684.3	681.1	675.5	681.1	684.3	676.5	667.0	656.1	643.6	629.6
-77.5°	540.4	547.6	544.1	538.5	544.1	547.6	540.4	531.9	522.2	511.2	498.4
-80°	385.9	390.1	393.1	394.6	393.1	390.1	385.9	380.6	374.5	367.9	362.8
-82.5°	197.5	191.7	188.1	183.6	188.1	191.7	197.5	202.3	205.9	208.3	209.5
-85°	55.9	54.5	55.4	56.2	55.4	54.5	55.9	57.0	57.9	58.6	63.5
-87.5°	15.9	16.3	16.4	16.4	16.4	16.3	15.9	15.5	15.1	14.6	14.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	1.0	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
85°	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
67.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7
65°	1.7	1.6	1.7	1.9	2.0	1.9	1.9	2.0	2.0	1.9	1.8
62.5°	2.7	2.8	2.9	3.0	3.0	3.9	3.4	3.5	3.2	3.9	5.3
60°	6.6	5.2	7.8	8.7	7.4	12.7	21.5	19.4	5.7	31.0	35.8
57.5°	90.7	75.3	157.7	157.2	65.9	88.9	119.1	78.4	51.3	87.9	116.1
55°	632.3	579.0	503.4	495.4	521.5	396.2	331.3	318.8	249.6	162.3	192.7
52.5°	891.4	838.3	786.7	738.7	699.3	657.1	595.2	528.3	506.9	408.2	314.7
50°	1008.6	1060.2	1009.4	885.3	907.3	847.4	760.1	688.9	703.5	643.1	518.6
47.5°	1367.7	1430.6	1432.2	1358.2	1275.7	1250.4	1122.4	900.1	915.0	912.4	780.4
45°	2002.5	1914.7	1947.4	1843.4	1697.8	1617.4	1613.0	1375.2	1155.0	1119.2	1106.4
42.5°	2350.3	2285.3	2218.0	2140.4	2011.7	1883.3	1804.1	1670.4	1493.3	1336.6	1280.9
40°	2491.0	2415.2	2352.4	2288.2	2184.5	2053.0	1989.2	1813.6	1680.5	1544.8	1499.6
37.5°	2661.0	2517.2	2573.3	2451.8	2355.5	2323.5	2274.0	2091.3	1796.3	1771.5	1748.6
35°	3040.5	2906.1	3035.4	3012.5	2629.4	2672.1	2705.0	2480.4	2171.6	2004.1	2007.7
32.5°	3906.5	3596.6	3502.1	3617.9	3416.5	3082.1	3087.1	3018.7	2597.1	2353.5	2246.8
30°	4220.0	4082.4	3933.3	3913.2	3763.2	3569.8	3447.0	3282.6	2975.8	2697.7	2514.9
27.5°	4355.3	4230.4	4104.9	4008.1	3921.3	3790.0	3629.7	3436.6	3218.4	2969.1	2791.6
25°	4451.9	4312.0	4203.8	4096.8	4003.4	3904.0	3740.3	3552.2	3348.5	3147.6	2957.0
22.5°	4529.4	4399.1	4282.5	4167.5	4091.7	3984.8	3837.7	3643.5	3506.8	3379.1	3131.2
20°	4614.2	4488.6	4357.3	4362.9	4251.3	4072.9	3931.5	3834.8	3816.1	3672.4	3352.4
17.5°	4982.6	4637.1	4701.3	4823.1	4577.2	4253.3	4202.9	4208.3	4148.9	4015.3	3617.4
15°	5771.6	5272.6	5277.0	5360.9	5094.4	4696.5	4604.6	4593.5	4499.9	4352.1	3897.2
12.5°	6020.1	5853.4	5822.8	5698.1	5436.4	5139.0	5030.3	4971.3	4799.7	4513.8	4098.6
10°	6104.1	6007.5	5879.2	5753.4	5594.6	5475.2	5320.2	5105.8	4862.4	4586.6	4248.6
7.5°	6114.0	6013.9	5910.5	5790.7	5651.3	5511.1	5357.9	5144.9	4909.5	4639.0	4354.3
5°	6108.2	6008.3	5912.5	5798.0	5656.6	5520.7	5381.9	5171.3	4941.3	4673.2	4423.8
2.5°	6093.3	5992.2	5901.0	5797.0	5656.1	5525.2	5396.7	5199.6	4964.1	4701.5	4447.0
0°	6115.0	6015.0	5928.7	5812.2	5684.8	5532.7	5403.9	5228.5	4975.1	4720.2	4455.8
-2.5°	6124.4	6021.0	5941.9	5810.6	5705.0	5549.8	5419.3	5249.9	4995.8	4753.3	4477.0
-5°	6173.8	6071.1	5967.7	5836.1	5725.0	5579.8	5433.1	5258.6	5011.3	4771.2	4486.5
-7.5°	6206.3	6102.1	5981.8	5854.2	5742.6	5604.1	5441.4	5259.4	5025.5	4770.9	4491.1
-10°	6226.7	6117.7	5998.9	5868.2	5753.0	5610.4	5438.6	5254.9	5022.7	4759.8	4481.0
-12.5°	6255.2	6132.6	6010.4	5862.0	5746.3	5599.9	5428.4	5244.4	5001.2	4738.9	4455.4
-15°	6265.9	6140.0	5997.1	5851.6	5725.3	5582.9	5405.8	5213.3	4963.6	4706.8	4413.5
-17.5°	6270.3	6127.1	5974.8	5835.2	5699.1	5548.0	5361.2	5156.4	4915.5	4650.1	4358.2
-20°	6266.9	6100.2	5943.3	5791.4	5648.8	5495.4	5302.5	5099.8	4846.6	4576.6	4286.6



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6202.9	6052.0	5893.2	5728.4	5588.3	5425.6	5236.7	5026.9	4757.0	4496.0	4195.5
-25°	6132.6	5980.0	5816.0	5662.8	5513.5	5351.9	5157.8	4919.9	4663.6	4392.0	4085.0
-27.5°	6049.3	5889.0	5719.6	5563.7	5405.9	5246.9	5046.3	4806.6	4559.8	4263.0	3964.8
-30°	5936.9	5771.5	5598.8	5420.4	5276.2	5114.1	4915.7	4682.9	4417.9	4124.8	3841.1
-32.5°	5784.4	5628.7	5456.1	5286.5	5135.9	4965.8	4765.5	4534.4	4256.3	3979.1	3683.9
-35°	5629.4	5468.1	5303.5	5143.9	4985.3	4807.1	4602.6	4351.1	4085.4	3810.7	3504.4
-37.5°	5452.4	5284.4	5129.7	4978.0	4814.4	4631.7	4406.2	4163.2	3904.1	3602.0	3310.5
-40°	5262.2	5100.4	4931.4	4781.5	4607.0	4422.7	4204.8	3968.6	3683.5	3385.1	3111.0
-42.5°	5036.3	4874.6	4700.7	4533.8	4364.2	4189.0	3992.1	3736.6	3454.1	3172.5	2888.0
-45°	4763.6	4601.9	4430.9	4258.8	4100.2	3929.9	3746.6	3474.2	3195.2	2926.9	2653.9
-47.5°	4456.8	4300.0	4135.1	3964.4	3813.5	3642.5	3419.3	3165.8	2919.0	2663.7	2384.2
-50°	4123.7	3974.4	3821.8	3663.5	3494.0	3301.1	3086.9	2865.8	2621.3	2359.2	2103.9
-52.5°	3759.4	3622.9	3478.8	3326.6	3151.6	2960.3	2759.6	2524.8	2280.9	2058.5	1826.2
-55°	3379.4	3244.5	3102.2	2950.1	2786.9	2597.6	2389.7	2176.2	1977.1	1771.3	1594.1
-57.5°	2958.8	2831.0	2695.4	2551.9	2401.2	2225.1	2042.8	1861.6	1703.9	1544.0	1383.2
-60°	2509.4	2390.1	2274.7	2147.5	2008.4	1856.8	1723.8	1590.1	1456.3	1328.7	1199.2
-62.5°	2074.0	1974.2	1870.5	1767.3	1661.5	1552.1	1441.9	1338.7	1233.2	1125.1	1029.7
-65°	1662.5	1586.6	1504.8	1433.4	1358.4	1279.2	1190.7	1109.8	1033.1	953.8	872.8
-67.5°	1317.2	1263.0	1205.2	1148.8	1097.4	1042.7	980.5	915.0	854.2	795.5	735.8
-70°	1033.3	997.5	959.9	918.8	877.7	836.5	790.7	742.5	693.7	649.7	607.7
-72.5°	793.1	768.3	739.8	710.2	678.6	650.5	619.2	586.7	553.7	520.3	488.5
-75°	613.6	595.7	576.2	554.0	527.3	495.6	472.1	456.2	436.3	412.0	385.5
-77.5°	485.3	472.3	458.3	439.4	419.8	399.6	379.7	360.0	340.6	322.2	305.4
-80°	357.1	350.9	343.2	327.5	311.9	296.3	281.4	269.4	258.0	245.6	230.3
-82.5°	209.6	208.9	206.7	197.9	189.2	180.5	172.0	163.6	154.6	145.3	135.8
-85°	67.7	71.4	74.5	75.9	76.8	77.0	76.6	74.3	71.8	68.8	65.6
-87.5°	14.8	14.9	14.9	15.5	16.0	16.5	16.9	17.7	18.4	19.0	19.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.7	0.7	0.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.3	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	2.1	2.2
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8	2.1	2.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.8	2.1	2.4
75°	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.8	2.1	2.4
72.5°	1.4	1.4	1.4	1.6	1.7	1.8	1.6	1.5	1.8	2.2	2.5
70°	1.6	1.5	1.4	1.6	1.9	2.2	2.1	2.2	1.9	2.2	2.5
67.5°	2.0	2.1	1.9	1.9	2.0	2.3	2.6	3.1	3.0	2.3	2.5
65°	2.1	2.4	2.8	3.9	3.4	2.4	2.7	5.3	4.3	3.6	2.6
62.5°	4.5	2.5	8.6	11.5	6.5	5.1	4.0	11.9	7.5	5.0	3.6
60°	10.7	8.8	24.1	38.6	27.0	9.1	13.3	20.7	19.0	6.6	5.1
57.5°	100.5	34.5	50.0	72.4	71.1	38.6	28.1	37.5	32.3	18.6	7.3
55°	214.5	180.5	119.2	109.1	117.9	95.2	61.9	60.8	49.9	34.5	11.8
52.5°	294.3	307.1	267.3	186.7	162.6	154.9	121.0	88.1	78.3	51.9	30.0
50°	426.0	396.7	392.7	329.7	228.0	206.4	178.6	137.7	109.8	74.2	50.7
47.5°	601.8	528.6	489.8	461.5	363.8	263.1	234.3	188.3	144.6	106.9	72.4
45°	860.0	683.3	608.2	562.3	498.6	370.0	293.2	237.5	188.5	143.5	95.1
42.5°	1119.3	883.4	743.4	669.2	602.9	490.8	356.3	294.2	231.3	180.7	123.9
40°	1348.2	1089.8	885.5	790.1	705.4	607.4	458.4	354.9	273.2	219.1	156.7
37.5°	1623.7	1324.8	1049.1	916.8	814.6	704.8	561.9	418.3	323.5	259.3	189.5
35°	1890.3	1629.0	1232.1	1069.9	936.2	804.7	661.6	493.3	385.4	300.2	222.3
32.5°	2176.5	1915.1	1508.5	1240.8	1062.0	906.8	754.9	584.4	447.7	341.6	255.0
30°	2401.8	2103.5	1751.0	1412.0	1198.9	1020.8	848.0	671.8	510.1	383.3	288.0
27.5°	2521.3	2266.4	1942.4	1602.7	1353.0	1137.5	943.8	755.3	572.3	429.2	322.4
25°	2644.8	2381.2	2079.3	1769.4	1505.1	1261.2	1039.3	834.9	640.4	481.0	356.4
22.5°	2792.6	2478.8	2194.6	1901.5	1662.0	1386.5	1139.5	915.5	708.3	531.7	389.8
20°	2941.0	2569.5	2308.4	2081.2	1816.0	1522.1	1244.2	994.2	772.5	581.1	422.6
17.5°	3096.7	2734.1	2501.7	2256.7	1969.5	1653.5	1347.3	1070.4	832.7	628.9	454.4
15°	3367.8	2980.5	2696.4	2427.4	2122.2	1779.9	1448.0	1143.6	888.8	674.9	483.9
12.5°	3613.9	3209.9	2891.2	2592.4	2272.3	1900.5	1545.1	1213.2	940.8	711.6	510.3
10°	3817.6	3422.6	3083.8	2750.9	2418.1	2014.2	1637.6	1270.0	972.0	738.9	534.6
7.5°	3984.3	3619.2	3271.6	2901.7	2543.4	2088.6	1684.3	1303.0	996.2	762.2	556.7
5°	4104.9	3750.4	3371.3	2954.2	2582.5	2119.2	1716.1	1330.0	1015.7	781.6	576.6
2.5°	4139.6	3790.8	3408.8	2983.0	2609.0	2139.0	1738.7	1350.6	1030.7	797.4	594.3
0°	4159.8	3817.3	3432.3	3000.7	2622.5	2148.4	1752.4	1364.7	1041.3	809.8	609.7
-2.5°	4188.0	3840.1	3454.9	3046.1	2631.5	2177.1	1760.1	1373.9	1054.7	814.2	618.7
-5°	4202.1	3849.1	3465.8	3076.7	2629.1	2194.3	1759.2	1376.8	1063.5	815.7	625.3
-7.5°	4195.9	3846.0	3466.2	3086.2	2617.2	2198.2	1749.6	1373.8	1067.0	814.6	629.4
-10°	4177.0	3830.5	3452.9	3061.5	2606.3	2182.7	1732.6	1365.0	1064.9	811.1	630.9
-12.5°	4148.2	3801.3	3425.9	3025.8	2583.4	2150.7	1712.5	1350.0	1056.4	805.5	629.9
-15°	4110.9	3758.9	3384.8	2980.6	2545.9	2108.1	1682.4	1328.3	1039.6	799.1	626.2
-17.5°	4063.0	3703.7	3329.4	2926.8	2493.1	2055.3	1641.9	1300.0	1018.7	791.3	618.6
-20°	3977.6	3629.4	3259.1	2865.7	2424.5	1992.7	1590.9	1265.2	993.7	780.3	607.8



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CATALOG NUMBER: GFLD-SA6B-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3881.5	3537.4	3171.3	2783.3	2341.9	1920.8	1529.2	1223.7	964.9	765.9	594.9
-25°	3779.0	3433.9	3069.4	2669.2	2250.5	1844.8	1467.4	1175.8	932.6	748.1	579.9
-27.5°	3658.6	3316.7	2953.8	2543.6	2144.5	1756.6	1408.2	1133.3	901.2	726.9	562.8
-30°	3523.3	3178.8	2809.4	2409.5	2028.3	1654.6	1341.7	1087.9	874.7	703.7	543.8
-32.5°	3368.3	3026.9	2649.4	2272.3	1905.6	1546.3	1268.4	1039.4	844.1	679.1	526.2
-35°	3191.8	2850.2	2479.9	2124.9	1775.6	1458.9	1196.8	987.9	809.4	652.5	507.6
-37.5°	3007.9	2660.6	2310.2	1971.1	1637.3	1364.3	1132.3	937.0	770.6	624.0	487.1
-40°	2798.0	2465.5	2132.2	1812.6	1517.6	1262.7	1062.5	886.8	733.9	593.6	464.7
-42.5°	2581.8	2260.7	1946.6	1644.9	1399.5	1179.9	989.4	832.8	695.2	564.4	440.4
-45°	2348.6	2044.6	1749.2	1503.5	1279.3	1092.3	925.4	776.7	653.9	534.4	415.3
-47.5°	2102.7	1816.8	1569.8	1356.2	1177.2	1004.2	857.4	728.2	610.5	502.3	390.1
-50°	1842.2	1604.7	1404.5	1228.2	1067.0	924.9	789.6	677.5	570.8	466.8	363.7
-52.5°	1611.3	1421.0	1255.3	1104.5	969.9	841.5	731.2	625.4	529.9	432.8	336.2
-55°	1413.4	1257.5	1117.7	992.1	873.7	770.1	670.6	579.2	487.8	398.8	308.2
-57.5°	1242.6	1106.3	994.4	885.4	787.6	699.2	615.3	532.0	447.5	363.5	286.1
-60°	1078.5	976.8	877.2	789.5	706.7	631.7	563.2	484.8	406.8	328.3	261.6
-62.5°	936.7	849.9	774.6	698.2	629.4	568.3	510.6	438.6	364.9	295.6	234.9
-65°	803.9	737.2	673.1	612.1	555.0	503.2	456.6	391.3	322.9	261.1	207.3
-67.5°	677.7	627.5	577.1	526.0	481.1	439.1	399.3	340.2	279.1	224.7	179.8
-70°	565.0	522.1	482.6	444.6	408.2	373.3	335.7	285.8	233.2	192.1	151.7
-72.5°	458.6	427.2	394.5	363.3	336.4	305.6	271.0	232.1	195.3	158.9	123.0
-75°	360.1	339.4	316.4	291.5	266.5	239.0	216.1	188.9	156.8	125.0	99.1
-77.5°	288.1	268.0	244.8	225.1	208.2	189.5	168.7	145.0	119.6	97.3	76.6
-80°	212.6	197.1	184.0	172.6	157.1	139.9	122.7	105.5	86.9	69.6	53.7
-82.5°	129.6	126.3	122.6	117.4	104.4	91.7	79.2	67.0	53.8	41.6	34.5
-85°	64.8	63.5	61.6	58.8	50.8	43.1	39.5	35.8	31.4	27.1	23.0
-87.5°	21.3	22.9	24.2	25.1	23.4	21.6	19.8	18.0	15.7	13.6	11.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	0.9	0.7	0.5	0.3	0.0
82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
80°	2.7	2.3	1.9	1.4	0.9	0.6	0.0
77.5°	2.7	2.7	2.3	1.7	1.2	0.7	0.0
75°	2.7	2.8	2.7	2.1	1.4	0.9	0.0
72.5°	2.8	2.9	2.9	2.4	1.7	1.0	0.0
70°	2.9	3.0	3.0	2.7	1.9	1.2	0.0
67.5°	3.2	3.1	3.1	2.9	2.1	1.3	0.0
65°	3.6	3.6	3.3	3.0	2.4	1.5	0.0
62.5°	4.3	4.5	3.4	3.1	2.6	1.6	0.0
60°	5.0	5.5	3.6	3.3	2.9	1.7	0.0
57.5°	9.4	6.6	4.6	3.4	3.0	1.9	0.0
55°	14.9	7.8	5.8	3.6	3.2	2.0	0.0
52.5°	21.4	10.0	7.0	3.7	3.4	2.2	0.0
50°	28.9	17.0	8.3	3.9	3.5	2.3	0.0
47.5°	38.9	24.6	9.6	4.3	3.7	2.4	0.0
45°	58.6	32.7	10.9	5.3	3.9	2.5	0.0
42.5°	78.9	41.3	12.4	6.4	4.0	2.7	0.0
40°	99.6	50.4	16.6	7.7	4.2	2.8	0.0
37.5°	120.7	60.0	23.8	9.3	4.4	2.9	0.0
35°	142.1	74.6	31.0	11.2	4.6	3.0	0.0
32.5°	165.3	91.5	38.4	13.2	4.8	3.1	0.0
30°	191.9	108.3	45.8	15.4	4.9	3.2	0.0
27.5°	217.9	124.8	54.9	17.7	5.1	3.3	0.0
25°	243.3	141.1	64.3	20.1	5.3	3.4	0.0
22.5°	268.0	157.7	73.6	22.7	5.5	3.5	0.0
20°	291.9	175.6	82.9	25.3	5.7	3.6	0.0
17.5°	315.5	192.8	92.0	27.9	5.8	3.7	0.0
15°	338.1	209.4	100.9	30.6	6.0	3.8	0.0
12.5°	359.3	225.2	109.5	33.3	6.2	3.9	0.0
10°	379.0	240.2	117.7	35.9	6.3	3.9	0.0
7.5°	397.1	254.1	125.4	38.4	6.5	4.0	0.0
5°	413.5	267.0	132.7	40.8	6.6	4.0	0.0
2.5°	428.2	278.7	139.3	43.1	6.8	4.1	0.0
0°	441.2	289.1	145.2	45.2	6.9	4.1	0.0
-2.5°	447.7	295.7	150.7	48.2	8.0	4.3	0.0
-5°	452.4	300.9	155.4	50.9	9.0	4.6	0.0
-7.5°	455.4	304.7	159.3	53.3	10.0	4.8	0.0
-10°	456.8	307.1	162.2	55.4	11.0	5.0	0.0
-12.5°	456.5	308.0	164.1	57.2	12.0	5.2	0.0
-15°	454.7	307.6	165.1	58.6	12.8	5.3	0.0
-17.5°	451.4	305.7	165.0	59.6	13.7	5.5	0.0
-20°	446.2	302.5	163.8	60.2	14.4	5.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	438.8	297.9	161.5	60.4	15.1	5.7	0.0
-25°	429.6	290.7	158.0	60.1	15.7	5.8	0.0
-27.5°	418.7	281.8	153.4	59.4	16.2	5.9	0.0
-30°	406.1	271.6	147.7	58.1	16.6	5.9	0.0
-32.5°	391.7	260.3	141.0	56.4	17.0	6.0	0.0
-35°	376.3	247.7	133.5	54.2	17.2	5.9	0.0
-37.5°	359.6	235.1	125.3	51.5	17.3	5.9	0.0
-40°	341.7	223.7	116.3	48.3	17.3	5.8	0.0
-42.5°	322.5	211.5	109.5	44.8	17.2	5.8	0.0
-45°	302.1	198.5	104.9	41.3	17.0	5.6	0.0
-47.5°	280.5	184.7	99.4	37.3	16.7	5.5	0.0
-50°	262.5	170.2	93.1	36.0	16.3	5.3	0.0
-52.5°	244.5	155.0	86.0	35.3	15.8	5.2	0.0
-55°	225.8	143.5	78.2	34.2	15.2	4.9	0.0
-57.5°	206.4	131.8	69.5	32.7	14.4	4.7	0.0
-60°	186.6	119.1	60.5	30.8	13.6	4.4	0.0
-62.5°	168.6	105.3	56.2	28.7	12.8	4.1	0.0
-65°	149.3	90.7	51.3	26.1	11.9	3.8	0.0
-67.5°	128.8	78.4	45.8	23.3	10.9	3.5	0.0
-70°	107.2	68.6	39.9	20.3	9.9	3.2	0.0
-72.5°	90.7	58.1	33.5	17.8	8.8	2.8	0.0
-75°	74.1	46.9	26.6	15.5	7.6	2.4	0.0
-77.5°	56.8	35.2	22.0	13.1	6.4	2.0	0.0
-80°	38.7	26.8	17.8	10.6	5.2	1.7	0.0
-82.5°	28.4	20.3	13.4	8.0	3.9	1.2	0.0
-85°	19.1	13.6	9.0	5.3	2.6	0.8	0.0
-87.5°	9.6	6.8	4.5	2.7	1.3	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)